

Active Recombinant Human EPHA6 Protein, GST-tagged

Cat. No. EPHA6-3391H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human EPHA6 (CAD38242.1, 683 a.a. - 1130 a.a.) partial recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
Species	Human
Source	Insect Cells
ProteinLength	683-1130 a.a.
Description	EPHA6 (EPH Receptor A6) is a Protein Coding gene. Diseases associated with EPHA6 include Oculoauricular Syndrome. Among its related pathways are MAPK-Erk Pathway and Developmental Biology. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is EPHA3.
Form	Liquid
Bio-activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip 3000. Substrate: Blk/Lyntide. ATP: 100 μM.
Molecular Mass	77 kDa

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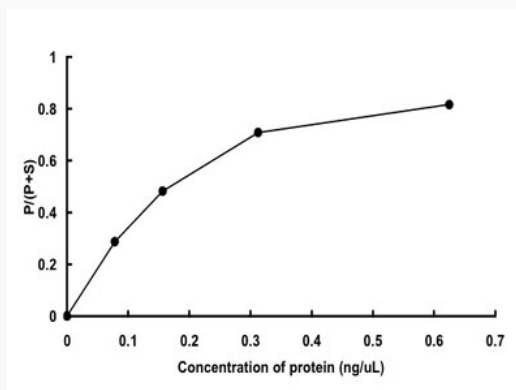
Purity	84 % by SDS-PAGE/CBB staining
Applications	Functional Study SDS-PAGE
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.1% CHAPS, 1 mM DTT, 10% glycerol)
GENE INFORMATION	
Gene Name	EPHA6 EPH receptor A6 [Homo sapiens]
Official Symbol	EPHA6
Synonyms	EPHA6; EPH receptor A6; ephrin type-A receptor 6; FLJ35246; EHK-2; EPH-like kinase 12; EPH homology kinase 2; ephrin receptor EphA6; EK12; EPA6; PRO57066; DKFZp434C1418;
Gene ID	285220
mRNA Refseq	NM_001080448
Protein Refseq	NP_001073917
MIM	600066
UniProt ID	Q9UF33

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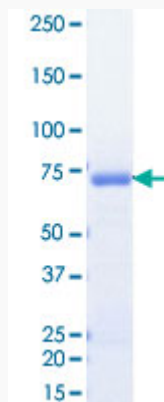
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Result of activity analysis



Quality Control Testing



Loading 1 µg protein in SDS-PAGE

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